



This spreadsheet performs screening level calculations to estimate the effect of peeling leaded paint on the average concentration of lead in yard soil
4782 Claude Ct.

INPUTS		Units	House
General	Variable		
	Mixing depth in yard	cm	2.54
	Mixing depth in yard	inches	1
	Soil density	g/cm3	2.5
	RBC in soil	mg/kg	400
House-specific	Bkg in clean fill	mg/kg	50
			Small
	Area of the exposure unit	m2	95.87594
	Area of the exposure unit	ft2	1032
	Concentration of lead in paint	mg/cm2	6.1
	Area of peeling paint	m2	8.661912
	Area of peeling paint	ft2	21.94
COMPUTATIONS			
	Mass of lead from paint	mg	5.3E+05
	Volume of soil	cm3	2.4E+06
	Mass of soil	kg	6.1E+03
	Incremental concentration	mg/kg	86.8
	Maximum acceptable area of peeling leaded paint (m2)		34.9
	Maximum acceptable area of peeling leaded paint (ft2)		375.9
DECISION			OK

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General	Mixing depth in yard	cm	2.54
	Mixing depth in yard	inches	1
	Soil density	g/cm3	2.5
	RBC in soil	mg/kg	400
	Bkg in clean fill	mg/kg	50
			Small
House-specific	Area of the exposure unit	m2	82.68371
	Area of the exposure unit	ft2	890
	Concentration of lead in paint	mg/cm2	6.1
	Area of peeling paint	m2	8.661912
	Area of peeling paint	ft2	21.94
COMPUTATIONS			
	Mass of lead from paint	mg	5.3E+05
	Volume of soil	cm3	2.1E+06
	Mass of soil	kg	5.3E+03
	Incremental concentration	mg/kg	100.6
	Maximum acceptable area of peeling leaded paint (m2)		30.1
	Maximum acceptable area of peeling leaded paint (ft2)		324.1
DECISION			OK

This spreadsheet performs screening level calculations to estimate the effect of peeling leaded paint on the average concentration of lead in yard soil
4782 Claude Ct. #3597

INPUTS
General

Variable	Units
Mixing depth in yard	cm
Mixing depth in yard	inches
Soil density	g/cm3
RBC in soil	mg/kg
Bkg in clean fill	mg/kg

House

2.54
1
2.5
400
50

Small

82.68371
890
6.1
6.66-912
21.86

House-specific

Area of the exposure unit	m2
Area of the exposure unit	ft2
Concentration of lead in paint	mg/cm2
Area of peeling paint	m2
Area of peeling paint	ft2

COMPUTATIONS

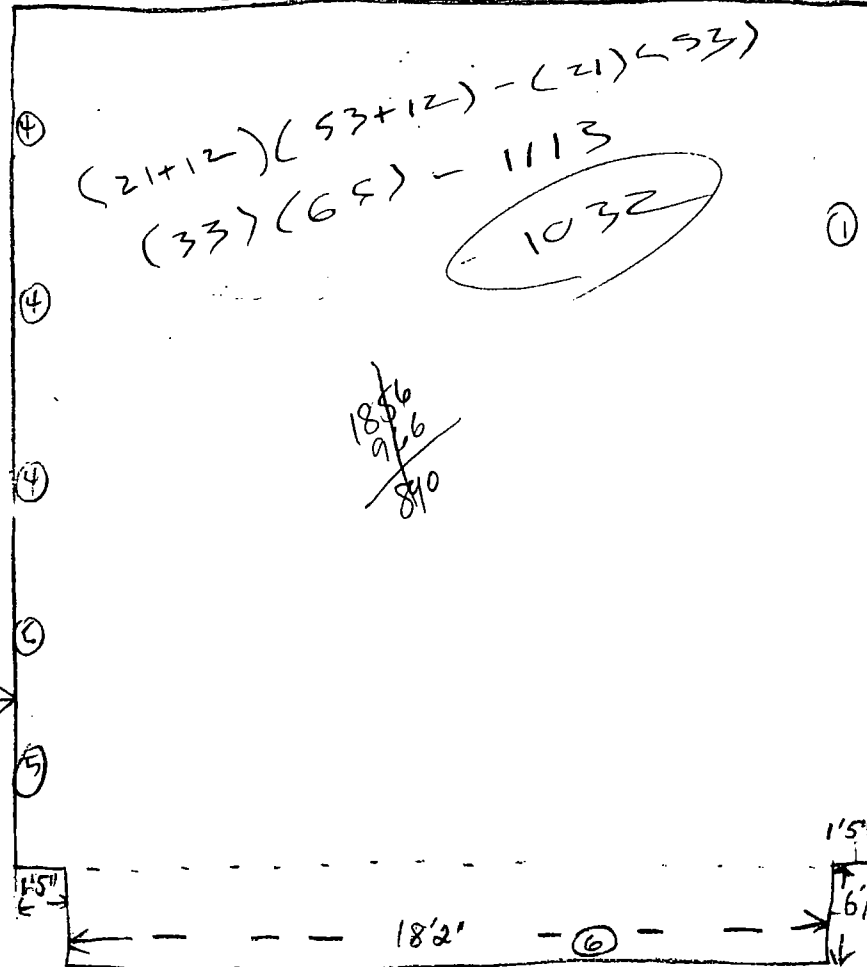
Mass of lead from paint	mg	5.3E+05
Volume of soil	cm3	2.1E+06
Mass of soil	kg	5.3E+03
Incremental concentration	mg/kg	100.6
Maximum acceptable area of peeling leaded paint (m2)		30.1
Maximum acceptable area of peeling leaded paint (ft2)		324.1

DECISION

OK

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← ③ — 24'0" — ② →



4782 Claude Ct
(#3597)

Address: 4782 Claude Ct		Date: 8/15/2005
Owner: Glen Dwayne	Harvey	Telephone #: (303) 297-3407

Plot Plan:

see attached

	Exterior Walls				Doors/Trim			
	Material	deteriorated Area	Peel/Chip	XRF (Lead)	Material	deteriorated Area	Peel/Chip	XRF (Lead)
North								
South								
East					wood	1.22		3.4+-1.1
West								
	Total	0			Total	1.22		

	Window Trim/Fascia/Soffit				Patios/Decks/Porches			
	Material	deteriorated Area	Peel/Chip	XRF (Lead)	Material	deteriorated Area	Peel/Chip	XRF (Lead)
North	wood	11.35		3.3+-1.1				
South	wood	6.74		6.1+-2.2				
East	wood	2.49		3.3+-1.1				
West					wood	0.14		4.6+-1.7
	Total	20.58			Total	0.14		

	Metal Trim/Gutters/Downspouts				Misc Structures/Garage/Fences			
	Material	deteriorated Area	Peel/Chip	XRF (Lead)	Material	deteriorated Area	Peel/Chip	XRF (Lead)
North								
South								
East								
West								
	Total	0			Total	0		

Address: 4782 Claude Court		Structure:	House								
Date: 8/15/05		Direction:	South								
Investigator: WH CM											
Time Started: 10:00 am											
Drawing Number	Photo Number	Painted Surface	Material	Color	Total Area of Element (units ft^2)	Percent Deteriorated	Deteriorated Area (units ft^2)	XRF #	XRF Value	pos/neg	Notes
1	1	window frames	wood	white	6.74	100%	6.74	245	6.0+-2.2	pos	
		foundation wall	concrete	red			6.00	see 242	0.06+-0.36	neg	
Address: 4782 Claude Court		Structure:	House								
Date: 8/15/05		Direction:	East								
Investigator: WH CM											
Time Started: 10:00 am											
Drawing Number	Photo Number	Painted Surface	Material	Color	Total Area of Element (units ft^2)	Percent Deteriorated	Deteriorated Area (units ft^2)	XRF #	XRF Value	pos/neg	Notes
3	3	window frames	wood	red			2.49	see 243	3.3+-1.1	pos	
		foundation wall	concrete	red			0.03	see 242	0.06+-0.36	neg	
2	2	door frame	wood	white			1.22	244	3.4+-1.1	pos	
Address: 4782 Claude Court		Structure:	house								
Date: 8/15/05		Direction:	North								
Investigator: WH CM											
Time Started: 10:00 am											
Drawing Number	Photo Number	Painted Surface	Material	Color	Total Area of Element (units ft^2)	Percent Deteriorated	Deteriorated Area (units ft^2)	XRF #	XRF Value	pos/neg	Notes
		foundation wall	concrete	red			1.67	242	0.06+-0.36	neg	
5	5	window frames (2) small	wood	red			2.00	243	3.3+-1.1	pos	
4	4	window frames (4)	wood	red			9.35	243	3.3+-1.1	pos	
Address: 4782 Claude Court		Structure:	House								
Date: 8/15/05		Direction:	West								
Investigator: WH CM											
Time Started: 10:00 am											
Drawing Number	Photo Number	Painted Surface	Material	Color	Total Area of Element (units ft^2)	Percent Deteriorated	Deteriorated Area (units ft^2)	XRF #	XRF Value	pos/neg	Notes
		porch landing	concrete	red			6.00	239	0.01+-0.05	neg	
6	6	porch beam	wood	red			0.14	240	4.6+-1.7	pos	
		door threshold	wood	red			0.67	241	0.00+-0.13	neg	

TARGET SHEET
EPA REGION VIII
SUPERFUND DOCUMENT MANAGEMENT SYSTEM

DOCUMENT NUMBER: 1054978

SITE NAME: VASQUEZ BOULEVARD AND I-70

DOCUMENT DATE: 08/15/2005

DOCUMENT NOT SCANNED

Due to one of the following reasons:

- ☐ PHOTOGRAPHS
- ☐ 3-DIMENSIONAL
- ☐ OVERSIZED
- ☒ AUDIO/VISUAL
- ☐ PERMANENTLY BOUND DOCUMENTS
- ☐ POOR LEGIBILITY
- ☐ OTHER
- ☐ NOT AVAILABLE
- ☐ TYPES OF DOCUMENTS NOT TO BE SCANNED
(Data Packages, Data Validation, Sampling Data, CBI, Chain of Custody)

DOCUMENT DESCRIPTION:

PROPERTY PHOTO CD, PROPERTY #3597
